

M. HANCOCK
FILE

REMITTANCE • 1040 North Lindbergh Boulevard • St. Louis, Missouri 63132 • 314 993-4132

COPIES TO:

September 27, 1985

US EPA RECORDS CENTER REGION 5



412343

Mr. Harry A. Chappel, P.E.
Manager, Regional Facilities Unit, Permit Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Rd.
Springfield, IL 62706

Re: 11909002, Madison Co., Roxana/
Barton/Newton

Dear Mr. Chappel:

This is to inform you as to progress of the installation of the leachate collection system from September 1984 to September 1985 at the Roxana/GSX Barton No. 2 Landfill. A representative of Reitz & Jens, Inc. visited the site several times during this period to inspect work on the leachage system.

Enclosed are five reports and five figures, numbered 1-2 through 1-6, describing the work performed and the area inspected and certified. Presently, the leachate collection system is certified up to Station 8+00 north from 0+00 to 6+00 east. All work was performed as shown on Sheet 10, dated May 1983, and is described in the accompanying letters.

Also enclosed is Fig. A, dated May 1985, showing the approved location for the 4+40 lateral and the proposed location requested to minimize disturbance of the landfill operation and allow installation of the lateral.

At present, 8.4 acres of the Barton/Newton Landfill, not including the buffer zone, have been certified.

If there are any questions, please call.

Very truly yours,

[Signature]
HENRY M. REITZ

Encl.
HMR/rs
cc: C. Emde

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CONSULTING ENGINEERS

October 23, 1984

SCA Services, Inc.
1838 N. Broadway
St. Louis, MO 63102

C Attn: Mr. Chuck Emde

Re: Barton Landfill

O Gentlemen:

P On October 5, 1984 Daniel Binz of this office made a site visit to the Barton Illinois Landfill to examine the thickness of the sand blanket in the south central part of fill area 1 (see Fig. 1-2). The sand was observed to be 9 inches or greater in all locations tested. The corners of the new sand blanket were shot using an on-site benchmark set to USGS elevation to check the grade.

Y On October 22, 1984 Mr. Binz returned to the site to check the 1+40 lateral that was extended 140 feet to the west. The lateral was placed in a filter fabric lined trench using 6-inch Sch. 80 PVC pipe backfilled with a 3/4-inch to 1-1/2-inch graded crushed limestone backfill. The filter fabric was then folded over the rock backfill. An additional piece of filter cloth was needed to cover the rock not fully covered by the original cloth, in a section 23 feet long, just west of the area presently being landfilled.

If you have any questions, please call.

Very truly yours,

HENRY M. REITZ

HLB/rs

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